Ontario

Ministry of
Northern Development
and Mines

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

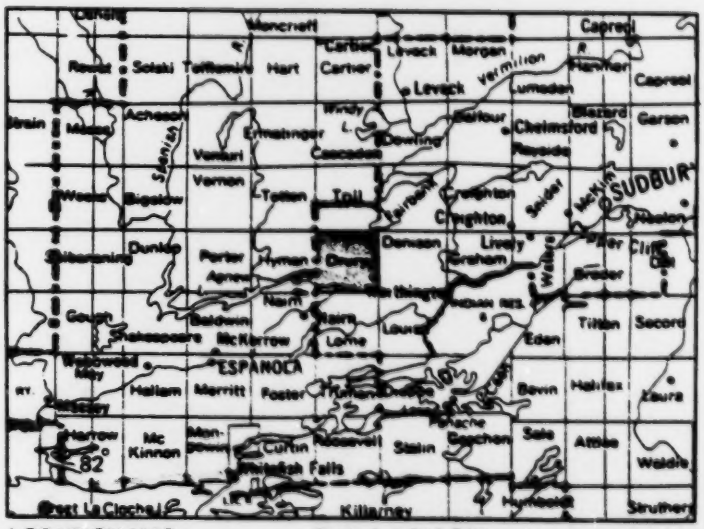
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 285

DRURY TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

87-00344/

NTS Number 41I/5, 41I/6

Mining Claim Map Number M 765

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1986:Drury Township,Sudbury District; Ontario Geological Survey, Geological Data Inventory Folio 285, compiled by the staff of the Resident Geologist's office Sudbury, 42p. and 2 maps.

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Date	Page Revised	Revised by

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DRURY TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map 1 map

Exploration Data Map 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	**2.589 988**	km^2
1 ha	2.471 054	acres	1 acre	**0.404 685 6**	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	**0.028 316 85**	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	**0.764 555**	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	**0.568 261**	L
1 L	0.879 877	quarts	1 quart	**1.136 522**	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	**28.349 523**	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	**34.285 714 2**	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	**1.714 285 7**	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	R.A.
2	Assessment Files Research Office, Toronto	N.A.	R.A.
3	ODM General Index; 9 Volumes	Yes	R.A.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	R.A.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	R.A.
6	ODM Industrial Mineral Reports	No	R.A.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	R.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	R.A.
9	Newspaper Clippings File	Yes	R.A.
10	GSC Index to Publications	Yes	R.A.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	R.A.
12	OGS Index Maps	Yes	R.A.
13	Source Mineral Deposit Records (O.G.S.) Mineral Occurrences File	Yes	R.A.
14	Author - Subject Articles File	Yes	R.A.
15	Miscellaneous Papers: ODM & OGS	Yes	R.A.
16	ODM Geological Circulars: OGS Study Series, Reports	Yes	R.A.
17	ODM Preliminary Reports: ODM Bulletins	No	R.A.
18	ODM – OGS Open File Reports	Yes	R.A.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	R.A.
20	OGS Aggregate Resources Inventory Papers	No	R.A.
21	OGS Mineral Potential Maps	Yes	R.A.
22	Theses on File, Sudbury	Yes	R.A.
23	Aerial Photographs on File, Sudbury	Yes	R.A.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ brsn . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- ▲ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- ▲ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (fluorspar)
- △ fu. . . . . .Fuchzite
- △ gn. . . . . Galena
- △ gt. . . . . Garnet
- △ goe. . . . . .Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . .Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . .Magnesite
- ▲ mag . . . . . .Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- ▲ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- ▲ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- ▲ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- ▲ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- ▲ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod. . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd. . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . .Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- △ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- ▲ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- △ zr. . . . . Zircon
- ▲ s Sulphide

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Acme (Alford) west (Alanen & Maki, west)	U, Cu	SMDR 391, U1, U3, Cu 30, Cu32	MRC 9, pp 70, 71	GR 34, pp 33, 34 GR 1, pp 21, 22 ODM Map 2055, No. 8
B	Acme (Alford) east (Alanen & Maki, east)	U, Cu	SMDR 391 SMDR 392 U1, U3, U12 Cu 30	MRC 9, pp 70, 71	GR 34, pp 33, 34 GR 1, pp 20, 21, 22 ODM Map 2055, No. 7
C	Garrison Harbour	S	--	--	Map in file 15-B1
D	Delta Occurrence Sultana South Occurrence	Cu, Ni	Ni 3	--	ODM Map 2055, No. 14
E	Drury Tp. Showings Lot 6 & S E½ Lot 5, Con. 3	CU,Ni	--	MRC 12, p. 275	GR 34, p. 32 ODM Map 2055, No. 10
F	Robb Farm Occurrence SE¼, S½, Lot 7, Con. 1	po, cp	Cu 16	MRC 12, p. 275	GR 34, p. 32 ODM Map 2055, No.11 AR 38, pt. 7, pp 36, 37; 1929
G	Drury Tp. Showing Lot 10, Con. 4	Cu, Ni	--	MRC 12, P. 275	GR 34, p. 32 ODM Map 2055, No. 9
H	Drury Tp. Showing Lot 12, Con.4 Tamminen, T. Pond Showing No. 2	po, cp, py	--	--	GR 34, pp 31, 32 ODM Map 2055, No. 18
I	Dwyer Mine	Au,	Au 5	MDC 18, p. 99	AR 7, pt. 1, p. 87; 1897 AR 38, pt. 7, pp 36, 37; 1929
J	Fairbank Lake Occurrence	mag	Fe 1	--	ODM P.R. 1953-1, pp 3, 5
K	Grimsell Occurrence	Cu,Ni	Ni 22	--	GR 34, p. 32
L	Howland Mine	Cu, Ni	--	--	See ODM General Index Search
M	Loughrim & Dwyer Prospect	Cu, Ni	Ni 1	--	GSC AR5, pt. R, p. 42; 1890-91
N	Chicago Mine	Cu, Ni	Cu 16 SMDR 873	--	GR 34, p. 33 See ODM General Index Search
O	Totten Mine	Cu, Ni	Ni 2 SMDR 855	--	ODM Map 2055, No. 13 GR 34, pp 18, 19, 32 See ODM General Index Search

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
O	Totten Mine (con'd)				ODM Map 2055, No. 15
P	Worthington Mine	Cu, Ni	Ni 23 SMDR 870	--	GR 34, pp 18, 19, 32, 33 See ODM General Index Search
Q	Worthington No. 2 Mine	Cu, Ni	SMDR 870	--	ODM Map 2055, No. 16 ODM Map 2055, No. 17
R	Worthington Mines Prospect	Cu, Ni	Cu 17	--	See ODM General Index Search Assessment File 0026-B1
S	Young, C. Occurrence	Cu	--	--	ODM Map 2055, No. 12
T	Drury Tp. Occurrence Lot 1, Con. 5	Cu, Ni	--	--	ODM Map 2055
U	Drury Tp. Occurrence Lot 2, Con. 5	Cu, Ni	--	--	ODM Map 2055

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	PRODUCTION	SHAFT SINKING	QUARRYING
	COMPANY/AUTHOR (file number)																			
1	Acme Gas & Oil Co. Ltd. (Sagamore Explorations Ltd., Cody-Reco Mines Ltd., Alford Explorations Ltd., Vespar Mines Ltd., Trans-Canada Explorations Ltd., United McFee Mines Ltd., Kerr Addison Mines Ltd., Inco Ltd., Occidental Minerals Corp. Ltd., Alanen, W., Maki, E., Alford Occurrence, Acme Occurrence)	56[1] 58[1] 66 69		58 -66 67 68 69	57[1] 58[1] 68 69	58 67		70 71					58[1] 67	58[1] 66						
2	Alanen, W., Maki, E. (Garrison Harbour Gold Mines Ltd., Espina Copper Developments, Ltd.)			55	55 56 76	55														
3	Autio, H.				54 57															
4	Chicago Mine (Inez Mine, Travers Mine, Miller, S., Drury Nickel Co. Ltd., Trill Mining & Manufacturing Co. Ltd., Joseph Wharton & Co., Canadian Copper Co. Ltd., Inco Ltd.)						1896 1897											1891 1892 1896 1897	1892[2]	
5	Drury Nickel Mines, Ltd. (Delta Occurrence, Delta Mines			35	30[1]	33													35[3]	

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	PRODUCTION	SHAFT SINKING	
	Syndicate, Delta Metals, Van Nickel Mines)																			
6	Dwyer Mine (John Dwyer Gold Mining Co. Ltd., Hyatt, C. G.)			1896 29															1896[4]	
7	Espina Copper Developments Corp. Ltd. (Alanen, W.)				75	75														
8	Falconbridge Nickel Co. Ltd.	52			52 53 56							52								
9	Garrison Harbour Gold Mines Ltd., (Alanen, W.)				56							56	56							
10	Grimsell, S.			72	67 68	68													30+[5]	
11	Howland Mine				16 -28													15 16		
12	Inco Ltd.				53 54 81							52	52							
13	Kerr Addison-Mines Ltd. (Ryanor Mines Ltd., Newnorth Gold Mines Ltd.)	76			66 76									76						
14	Lang, B. W. (Acme Oil & Gas Co. Ltd.)				67							69[1]	69[1]	69[1]						
15	Maki, E., (Alanen, W.)				58															

GDIF FORM NO. 2

DRURY TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	PRODUCTION	SHAFT SINKING	QUARRYING
*	Mond Nickel Co. Ltd. (Inco Ltd.) (See also: Worthington Mine, Worthington No. 2 Mine)																			20[6], 21[6], 23[6]
16	Noranda Mines Ltd.											52								
17	Paramaque Mines Ltd.	67																		
18	Perkovich, N.				57							55								
19	Prosco, Ltd.	57										57	57							
20	Prospectors Airways Co. Ltd.	53			55, 56							53, 54								
21	Rio Tinto Canadian Exploration Ltd. (Young, C.)				61	61														
22	Robb, R.				55															
23	Ryanor Mines Ltd. (Grant, J. S., Grimsell, S.)			73	73															
24	Totten Mine (Hamilton Mine, Mitchener Mine, Inco Ltd., Crean, F., Totton, H., Canada Nickel Co., Ontario Nickel Co., McVittie-Graham Mines)	28-30			28-30, 1960		07, 64-71											07, 66-70	1900[7], 1900[8], 64[9]-67, 65[10]-71	?
25	Wallace, J. G.				57, 72															

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	PRODUCTION	SHAFT SINKING	OPEN PIT
COMPANY/AUTHOR (file number)																				
26	Worthington Mine (Crean Mine, Inco Ltd., Crean, F. C., Dominion Nickel Co. Ltd., Mineral Development Co. Ltd., Mond Nickel Co. Ltd.)						1890 -94 07 -08 13 -27[1]											1890 -94 07 13 -27	1885[12] 1891[13] -94 1891[14] -94[15] 1894 -1902[2] 13[16] -19 23[17] -25 26[18]	
27	Worthington No. 2 Mine (Inco Ltd., Mond Nickel Co. Ltd.)																	14 -15	04 14	15[19]
28	Worthington Mines Ltd.		±	1900	54 -57	55	+1900	[20]56 60				54[1]								

[1] No Data
[2] 8'x12', 67' deep, from bottom of No. 1 pit
[3] Vertical shaft, 65'

DRURY TOWNSHIP

TYPE OF WORK	Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
[4]2 shafts, 32' & 38'																			
[5]Prospect shaft																			
[6]Trap rock																			
*Location Unknown, Chicago Mine? or Worthington? areas																			
[7]Mitchener shaft																			
[8]Hamilton shaft																			
[9]No. 1 shaft, vertical																			
[10]No. 2 shaft, vertical																			
[11]Mine caved-in in 1927																			
[12]No. 2(?) shaft, 60'																			
[13]Deepened to 95'																			
[14]No. 1 shaft, 180'																			
[15]Deepened to 200'																			
[16]Shaft, 61°, 1000'																			
[17]Internal shaft, 83° from Level 7, joined 61° shaft at Level 2																			
[18]Shaft deepened to Level 8																			

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done;e.g., 68 for 1968. | | |

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Length of Overburden	Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Acme Gas & Oil	A.Q. 1	No Log						U, Th
1a		A.Q. 2	No Log						---
2		68-1	1968	N19E	45	20	416	---	U
3		68-2	1968	N19E	50	17	1296	ra	U
4		68-3	1968	N19E	55	5	268	---	---
5		68-A-5	1968	N19E	55	15	737	---	---
6		68-A-6 69-A-6	1968-69	N19E	55	30	954	py, ra	---
7		68-A-7	1968-69	N19E	55	28	1013	py, cp, ra	U
8		68-A-8	1968-69	N19E	45	12	967	ra	U
9		68-A-9	1968-69	N19E	45	72	435	ra	U
10		68-A-10	1968-69	N19E	45	38	552	ra	U
11		68-A-11	1968-69	N19E	45	56	338	---	---
12		68-A-12	1968-69	N19E	60	108	932	ra	U
13		69-A-13	1969	N19E	45	8	1807	py, cp, ra	U
14		69-14	1969	No Log					U
15		69-15	1969	No Log					---
16	(United McFee Mines)	?	1958	No Data					
17	Acme Gas & Oil	No Data							
18		No Data							
19		No Data							
19a		No Data							
20	Alanen, W.	1	1955	S70E	45	0	56	py, po	---
21		2	1955	S25W	48	0	52	po, cp	---
21a		3	1955	S25W	32	0	58	po, cp	---
21b		4	1955	N62E	34	0	38	po, cp	---
21c		5	1955	S36E	40	0	58	po, cp	---
22		6	1955	?	45	0	60	po, py, cp	---
23	(Garrison Harbour Mines)	3	1956	S35W	45	21	649	py, cp, po	---
24		3A	1956	N35E	?	114	114	---	---
25		?	-1956	--	90	?	1200	No Data	
26		?	-1956	N40W	50	?	850	No Data	
27	(Espina Copper Developments)	E-75-12	1976	N10W	45	4	261	ra	---

GDIF FORM NO. 3

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Length of Overburden	Length of Hole	Mineralization Noted in Log	Assay Data Included for
28	Autio, H.	1	1954	?	20	0	44	cp, po	---
28a		2	1954	?	27	0	35	po, cp	---
28b		3	1954	?	45	0	50	---	---
28c		4	1954	?	5	0	35	po, cp	---
28d		5	1954	?	+5	0	33	po	---
29		1	1957	S67W	+70	0	35	---	---
29a		2	1957	N45E	+50	0	90	---	---
29b		3	1957	S75E	-15	0	40	---	---
30	Espina Copper Developments	E-75-1	1975	N2.5W	45	57	495	ra, py, cp	---
30a		E-75-2	1975	N	45	36	286	ra	U
30b		E-75-3	1975	N	45	13	576	ra, py, po, cp	---
30c		E-75-4	1975	N	45	38	176	ra	---
30d		E-75-5	1975	N	45	62	271	po, py, ra	---
31		E-75-6	1975	N	45	3	175	ra	U
31a		E-75-7	1975	N	45	4	175	ra	---
31b		E-75-8	1975	N	45	5	179	ra	---
31c		E-75-9	1975	N	No Data				
32		E-75-10	1975	N10E	No Data				
33		75-1	1975	N8E	No Data				
34	Falconbridge Nickel	Dr-Xc-1	1952	S35W	42	0	193	py	---
34a		Dr-Xc-1	1953	S50W	50	0	250	marc	---
34b		Dr-Xc-2	1953	S50W	55	0	230	marc	---
35		Dr-Xc-1	1956	--	90	3	267	py, cp	---
35a		Dr-Xc-2	1956	--	90	3	333	py, cp	---
36	Grimsell, S.	1	1967	N	25	6.5	103	cp, po, py	---
36a		2	1967	NE	37	2	104	---	---
37		3	1967	NE	?	2	107	---	---
37a		4	1967	S	?	5	50	S	---
37b		5	1967	S	?	?	55	?	---
37c		6	1967	E	?	21	102	po, cp	---
37d		7	1967	SE	?	22	60	S	---
38		68-1	1968	N75E	50	2	178	S	---
39		68-2	1968	S85E	50	22	112	cp, S	Cu, Ni

GDIF FORM NO. 3

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Length of Overburden	Length of Hole	Mineralization Noted in Log	Assay Data Included for
39a	Grimsell, S (con't)	68-3	1968	S83E	60	22	58	cp, S	Cu, Ni
39b		68-4	1968	S5W	45	21	86	S	---
39c		68-5	1968	S5W	55	19	603	S	---
40	Inco Ltd.	11300	1953	--	90	113	802	---	---
41		11911	1954	S	45	4	183	---	---
42		11912	1954	S	45	4	181	py, ra, cp	---
43		11913	1954	N	45	12	181	ra	---
44		11914	1954	N30E	45	7	180	py, po, ra	---
45		11915	1954	N30E	60	7	180	ra, py	---
46		70012	1981	N	56	31	802	---	---
47	Kerr Addison Mines	66-E7	1966	--	90	0	105	---	---
47a		66-E8	1966	--	90	0	105	---	---
47b		66-E9	1966	--	90	0	105	---	---
47c		66-E10	1966	--	90	0	104	---	---
48		KR-76-1	1976	N20E	80	20	1501	py, cp, ra, po	U
49		KR-76-2	1976	N20E	75	14	1168	ra, py, po, cp	U, Th
50		KR-76-3	1976	N20E	80	12	1260.2	py, ra	U, Th
51		KR-76-4	1976	N20E	80	2.7	154	---	---
51a		KR-76-5	1977	N20E	70	5	316	---	---
51b		KR-76-6	1977	N20E	64	5	1376	po, py, cp	U
52		KR-76-7	1977	N20E	50	42	366	ra	U, Th
53		KR-76-8	1977	N20E	50	54	447.7	py	---
54	Lang, B. W.	A.Q. 1	1967	S07E	45	17	152	py	---
54a		A.Q. 2	1967	S07E	45	15.5	71	py	---
55	Maki, E	1	1958	235	45	85	452	py	---
55a		2	1958	215	45	65	475	py	---
55b		3	1958	220	45	15	165	py, cp	Cu, Au, Ag
55c		4	1958	213	45	12	367	py, cp, ra	Cu,Au, Ag,Ni
55d		5	1958	225	50	17	279	py, po, cp	---
56		6	1958	225	45	13	318	cp, py, ra	---
57	Perkovich, N.	1	1957	S	30	0	100	po, cp	---
57a		2	1957	S	45	0	93	S	---
57b		3	1957	S	10	0	83	po, cp	---

GDIF FORM NO. 3

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Length of Overburden	Length of Hole	Mineralization Noted in Log	Assay Data Included for
57c	Perkovich, N. (con't)	4	1957	S	45	0	107	S	---
57d		5	1957	S	35	0	50	cp, po	---
57e		6	1957	S	25	0	52	S	---
58		7	1957	N10E	70	0	52	---	---
58a		8	1957	--	90	0	39	---	---
58b		9	1957	N	30	0	51	---	---
59		10	1957	N45W	60	0	68	---	---
59a		11	1957	N	45	0	78	---	---
59b		12	1957	N	55	0	58	---	---
59c		13	1957	N30E	55	0	63	---	---
59d		14	1957	N30W	45	0	74	---	---
60	Prospectors Airways	1	1955	331	45	14	502	py	---
61		2	1955	012	45	7	401	py	---
62		3	1955	180	45	8	401	---	---
63		5	1956	S	45	30	652	---	---
64		4A	1956	175	45	36	36	---	---
65		4B	1956	S	45	22	615	---	---
66	Rio Tinto Canadian Expl.	1	1961	180	45	0	121	cp	Cu, Au
67	Robb, R	1	1955	S60E	45	185	185	---	---
68		2	1955	S20E	75	8	816	po, cp	---
69	Ryanor Mines	R1	1973	S	35	10	111	cp, po	Cu
69a		R2	1973	N	50	16	231	cp, py, po	Cu
69b		R3	1973	N	No Log--all overburden				
69c		R4	1973	N	50	51	289	cp, py	Cu
70		R5	1973	S	45	0	121	cp	Cu, Au
70a		R6	1973	N	45	35	131	cp, py	Cu
70b		R7	1973	N	45	30	210	py, cp	Cu
70c		R8	1973	N	45	10	253	py, po	---
70d		R9	1973	N	40	16	79	---	---
70e		R10	1973	N	40	7	107	cp	---
71		R11	1973	N	No Log--all overburden				
72		R12	1973	S	60	30	540	cp, po	---
73	Inco Ltd	?	1960's	Many holes. No data.					

GDIF FORM NO. 3

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Length of Overburden	Length of Hole	Mineralization Noted in Log	Assay Data Included for
74	Inco Ltd.	?	1960's	Underground holes. No data.					
75	Wallace, J. G.	1	1957	--	90	16	676	py, po	---
76		1	1972	S38W	45	0	1010	----	---
77	Worthington Mines	?	1954	4 Holes, average length 100'				S	---
78		1	1954?	S	80	?	1525	No Log	
78a		2	1955-57	--	90	?	300	No Log	
78b		3	1955-57	N	70	?	300	No Log	
78c		4	1955-57	--	90	?	303	No Log	
78d		5	1955-57	N	70	?	865	po	No Log
78e		6	1955-57	--	90	?	371	No Log	
78f		7	1957	--	90	?	990	No Log	
78g		8	1957	--	90	?	782	No Log	
79	Unknown (Inco Ltd.?)	Holes	shown on	ODM Map	2055				
80		Holes	shown on	ODM Map	2055				
81		Holes	shown on	ODM Map	2055				
82		Holes	shown on	ODM Map	2055				
83		Holes	shown on	ODM Map	2055				
84	Inco Ltd.	No Data							
85		No Data							
86		No Data							
87	Unknown	Holes	shown on	ODM Map	2055				
88		Holes	shown on	ODM Map	2055				
89	Kerr Addison Mines	No Data							
89a		No Data							
89b		No Data							

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

DRURY TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sudbury

Acme Gas and Oil
Northern Miner May 16, 1968
June 13, 1968
Aug. 6, 1968
Aug. 17, 1968
Nov. 21, 1968

Espina Copper Developments
Northern Miner Nov. 20, 1975
Mar. 4, 1976

Inco Ltd.
Chicago Nickel Co. (Chicago Mine)
Eng. & Min. Jr. Jan. 2, 1892

Worthington Mine
Eng. & Min. Jr. Jan. 2, 1892

Crean Mine (Totten)
Eng. & Min. Jr. Jan. 2, 1892

Nickel Copper Co. (Worthington)
Eng. & Min. Jr. Oct. 20, 1900

Sultana Mine
Eng. & Min. Jr. Oct. 20, 1900
Feb. 16, 1901

Trill Mining & Manufacturing Co. (Chicago Mine)
Eng. & Min. Jr. Apr. 20, 1901

Kerr Addison Mines
Northern Miner July 8, 1976

Newnorth Gold Mines (& Ryanor)
Northern Miner July 8, 1976

Paramaque Mines
Northern Miner Nov. 2, 1967
Jan. 4, 1968
Jan. 18, 1968
Feb. 29, 1968
May 23, 1968

Rayanor-Newnorth
Northern Miner Aug. 2, 1973
Nov. 1, 1973
Apr. 4, 1974
June 27, 1974
June 26, 1975

ODM GENERAL INDEX SEARCH

Words searched:

ACME GAS & OIL CO
ACME OCCURRENCE
ALFORD EXPLORATION
ALFORD OCCURENCE
ALANEN, W
ALANEN & MAKI OCCURRENCE
ASSOCIATED ARCADIA NICKEL
AUTIO, H.
CHICAGO MINE
CHICAGO FAULT
CODY - RECO MINES
CREAN MINE (WORTHINGTON)

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8	ASSOCIATED ARCADIA NICKEL CORP. LTD.			
	Denison Township, Sudbury District	GR 60		3, 4?
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3	CHICAGO COPPER NICKEL MINE			
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	Drury Township			
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7	CHICAGO FAULT, DRURY TOWNSHIP			
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7	CODY-RECO MINES LTD.			
	Prospecting, Drury Township	GR 1		21
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	Inez mine bought	2		248
	See also Trill Mining Company	14	3	144
	Reformed into Trill Mg. and Mfg. Co.	6		276
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	See also Inez Nickel Mine			
	Historical Notes	N.C.		R44, 91
	Operations; failure	N.C.		A19
	Trap quarry. See Mond Nickel Company			
3	DRURY NICKEL MINES, LTD.			
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1	DRURY TOWNSHIP, SUDBURY DISTRICT			

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ODM GENERAL INDEX SEARCH

Words searched:

DELTA OCCURRENCE
DOBIE & MILLER OCCURRENCE
DRURY NICKEL COMPANY
DRURY NICKEL MINES
DRURY TOWNSHIP
DWYER, JOHN
DWYER GOLD MINE
DWYER MINING COMPANY
ESPINA COPPER DEVELOPMENTS
FAIRBANK LAKE OCCURRENCE
FALCONBRIDGE NICKEL
GARRISON-HARBOUR GOLD MINES

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	Trap quarry. See Mond Nickel Company			
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	Uranium:			
	Mining claims, reports on	GR 1		19 - 22
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Words searched:

GRANT, J. S.
GRIMSELL, S.
GRIMSELL PROPERTY
HAMILTON MINE
HOWLAND MINE
INCO LTD.
INEZ MINE (CHICAGO MINE)
KERR ADDISON
KIDD COPPER
LANG, B. W.
LOUGHRIN & DWYER PROSPECT
MAKI, E.

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3	DWYER GOLD MINE, DRURY TOWNSHIP			
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9	DWYER OCCURRENCE			
	Drury Township, Sudbury District			
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ODM GENERAL INDEX SEARCH

Words searched:

MITCHENER MINE
MOND NICKEL COMPANY
NEWNORTH GOLD MINES
NICCOLITE
NICKEL COPPER COMPANY
PARAMAQUE MINES
PERKOVICH, N.
POND SHOWING NO. 2
PROSCO LTD.
PROSPECTORS AIRWAYS
QUEMONT MINING CORPORATION
RIO TINTO CANADIAN EXPLORATION
ROBB FARM OCCURRENCE
ROBB, R.

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1	MITCHENER NICKEL MINE (TOTTEN)			
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Words searched:

RYANORE MINES
SAGAMORE EXPLORATIONS
SULTANA MINE
TAMMINEN, T.
TOTTEN MINE
TRAVERS, THOS.
TRAVERS MINE (CHICAGO)
TRILL MINING & MANUFACTURING CO.
VAN NICKEL MINES
WALLACE, J. G.
WORTHINGTON MINE
WORTHINGTON MINES LTD.

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3	VAN NICKEL MINES, LTD			
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	Arsenic production	11		28
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	Gersdorffite	14	3	19
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	Minerals	14	3	31,159
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	Nickel ore	1		90
	morenosite	14	3	163
	niccolite	14	3	19
	percentage	14	3	142
	Pentlandite	9		206
		12		281
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	Production (1915)	25	1	15
	Pumped out	17		60
	Pyrrhotite	2		192
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	(1915)	25	1	76
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	Flow sheet	N.C.		R 448

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	Geology	N.C.		R174-179
	rocks,	N.C.		R 132
		36	8	30-31
	cut by off-set deposits	N.C.		R 113, 132,189
	trap, quarried	34	1	45
	Historical notes	N.C.		R 34
	Location. See map	N.C.		R 104
	Mining methods and equipment	N.C.		R 221
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	(1917)	27	1	25
	(1918)	28	1	22
	(1919)	29	1	18
	(1920)	30	1	16
	(1924)	34	1	21
	(1925)	35	1	24
	Operations (1916)	26		85
	(1917)	27	1	95
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7	WORTHINGTON NICKEL-COPPER MINE Report on	GR 34		33
8	WORTHINGTON MINE, INCO Drury Township, Sudbury District	GR 60		48
6	WORTHINGTON MINES LTD. Incorporated	65	1	35

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	1971	Panache Lake Area, West Part	O.D.M. Map P.668	1" = 1 mile
	1971	Panache Lake Area, East Part	O.D.M. Map P.669	1" = 1 mile
	1978	Sudbury-Manitoulin Area	O.G.S. Map 2360	1" = 2 miles
Card, K. D. & Lumbers, S. B.	1974-75	Sudbury-Cobalt	O.G.S. Map 2361	1" = 4 miles
Dressler, B. O.	1984	Sudbury Geological Compilation	O.G.S. Map 2491	1:50 000
Thomson, J. E.	1961,68	Espanola Sheet	O.D.M. Map P.105	1" = 2 miles
		GEOPHYSICAL MAPS		
		Aeromagnetic Maps		
O.D.M.-G.S.C.	1965	Espanola, Ontario	1523G	1" = 1 mile
	1965	Copper Cliff, Ontario	1517G	1" = 1 mile
O.D.M.	1952	Drury Township	A-56	1" = ¼ mile
O.D.M.-G.S.C.	1965	Sudbury, Ontario	7067G	1" = 4 miles
O.G.S.-G.S.C.	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey	Map P.1610	1" = 250 000
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geological Map of the Sudbury-Onaping Lake Area	O.G.S. Map P2482	1:100 000

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	1975	Topographic Map, Copper Cliff Sheet		1:50 000
Gartner, J. F.	1978	N.O.E.G.T.S. Data Base Map, Espanola	5002	1:100 000
	1980	N.O.E.G.T. Study 99, Espanola Area		
		MINERAL POTENTIAL MAPS		
O.G.S. & Mineral Resources Branch	1982	Mineral Potential Map of Ontario East Central Sheet	OFR5328	1"=16 miles
Springer, J.	1977	Ontario Mineral Potential, Northern Part of Sudbury Sheet and Part of North Bay Sheet	O.G.S. Map P1512	1:250 000
		GEOCHEMICAL		
		No Data Available, June 25, 1985		
		GEOLOGICAL REPORTS AND MAPS		
Baer, A. J.	1970	Symposium on Basins and Geosynclines of the Canadian Shield	G.S.C. 70-40	pp. 143-158

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	1935	Sudbury Nickel Field Restudie	O.D.M. AR43,pt.2	pp. 1-49
	1935	Part of the Sudbury Nickel Area	O.D.M. AR43	1"=3/4 mile
Card, K. D.	1962	Drury Tp., Sudbury District	O.D.M. Map P.134	1" = ¼ mile
	1976	Geology of the Espanola-Whitefish Falls Area	GR131	
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GOIF FORM NO.30

Ontario

Ministry of Northern Development and Mines

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 285

(Map 1 of 2)

DRURY TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

TRILL

HYMAN

DENISON

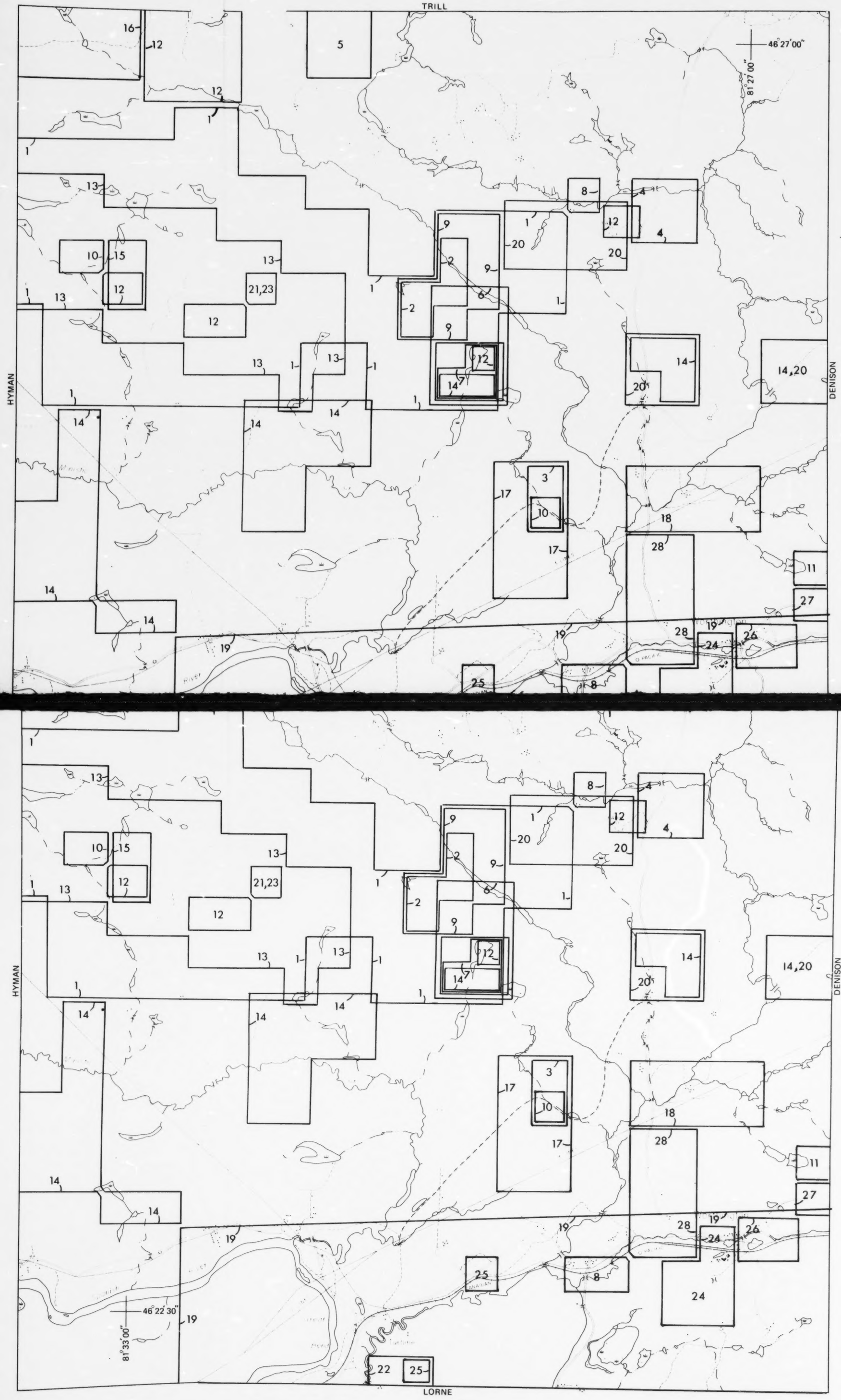
LORNE

46°27'00"

81°27'00"

46°22'30"

81°33'00"



ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 285

(Map 1 of 2)

DRURY TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

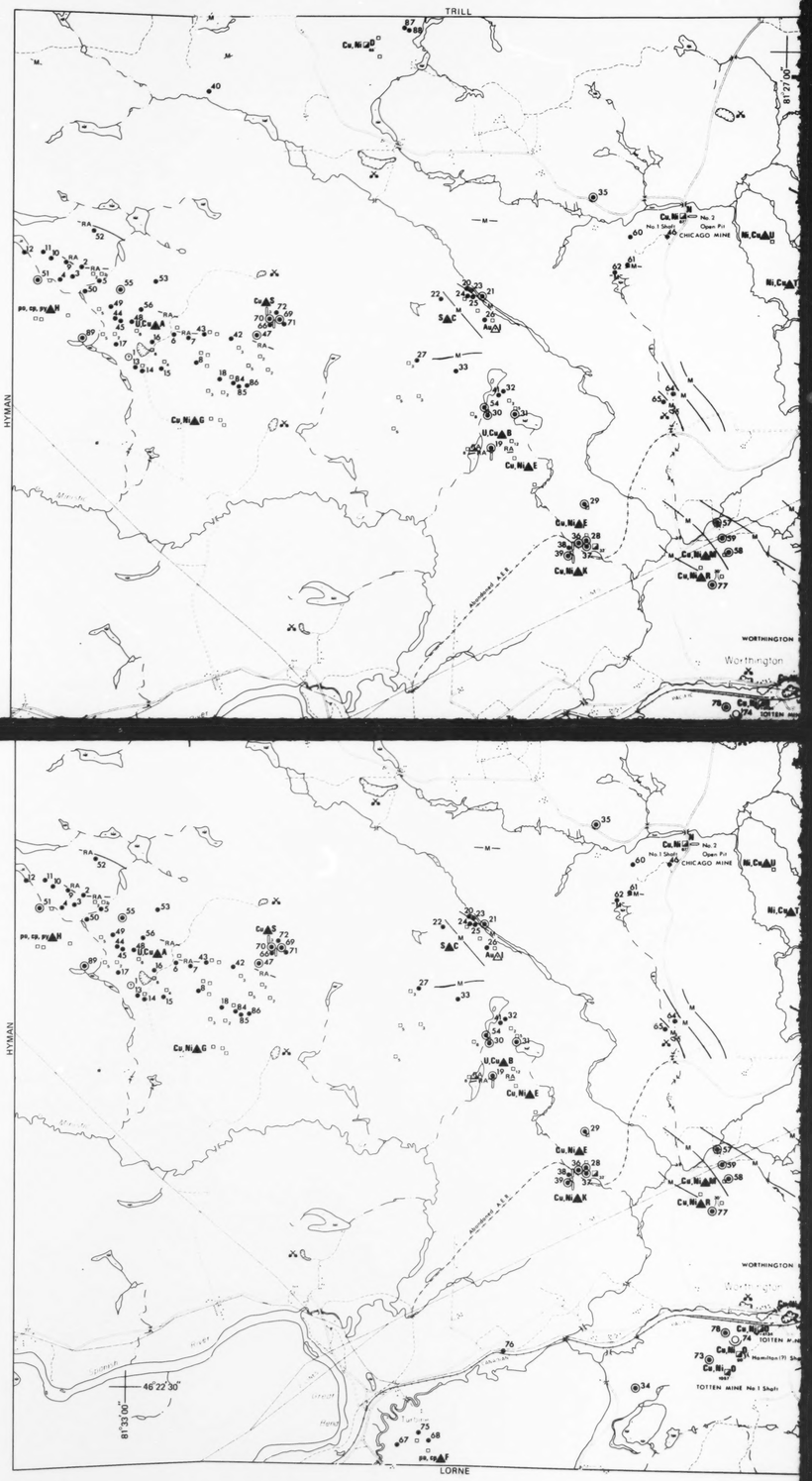
GEOPHYSICAL ANOMALIES

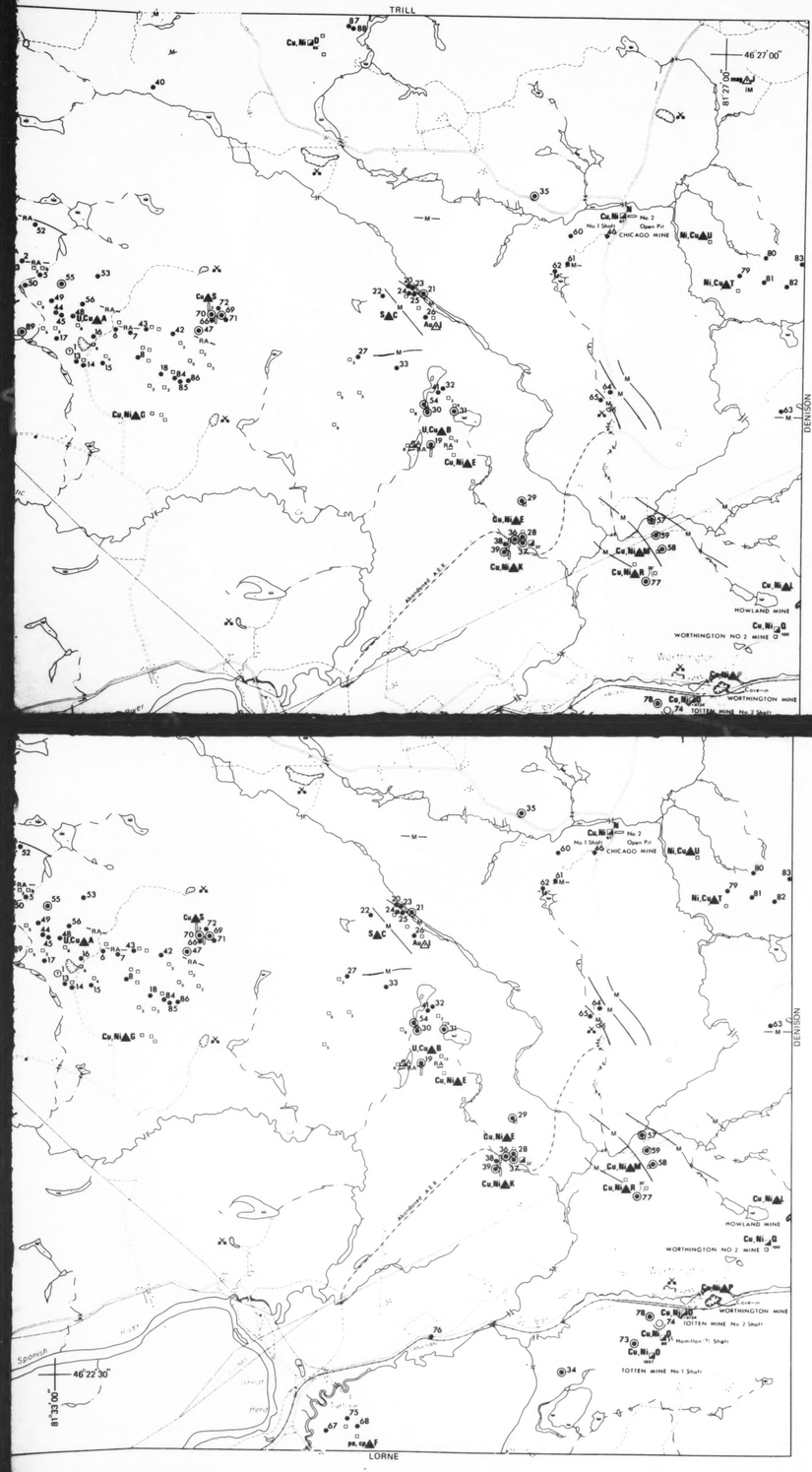
- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horzontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio-frequency magnetic anomaly (total intensity)
- R — Resistivity anomaly
- GR — Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Multiple Pits
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.





Ministry of Northern Development and Mines
Ontario

René Fontaine, Minister
George Tough, Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 285

(Map 2 of 2)

DRURY TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 285

(Map 2 of 2)

DRURY TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

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Location of single drillhole, with reference number

Location of closely spaced group of drillholes, with reference number

Drillhole, exact location uncertain, with reference number

Property with underground drillholes in this general area, with reference number

Property with drillholes which have not been plotted on map, with reference number

Reverse circulation drillhole; churn drilling, with reference number